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SEQUENCE LISTING

<110> Calas, et al.

<120> Linear peptides derived from antibiotic peptides,  
preparation and use for vectoring active substances

<130> 19904-009 BREESE-9

<140> 09/485,571

<141> 2000-09-06

<150> WO 99/07728

<151> 1998-08-06

<160> 38

<170> PatentIn Ver. 2.0

<210> 1

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 1

Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Cys Val

1

5

10

15

Gly Arg

<210> 2

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 2

Arg Gly Gly Arg Leu Cys Tyr Cys Arg Arg Arg Phe Cys Ile Cys Val

1

5

10

15

<210> 3  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 3  
Arg Gly Gly Gly Leu Cys Tyr Cys Arg Arg Arg Phe Cys Val Cys Val  
1 5 10 15

Gly Arg

<210> 4  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 4  
Arg Gly Gly Arg Leu Cys Tyr Cys Arg Gly Trp Ile Cys Phe Cys Val  
1 5 10 15

Gly Arg

<210> 5  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 5  
Arg Gly Gly Arg Leu Cys Tyr Cys Arg Pro Arg Phe Cys Val Cys Val  
1 5 10 15

Gly Arg

<210> 6  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 6  
Arg Arg Trp Cys Phe Arg Val Cys Tyr Arg Gly Phe Cys Tyr Arg Lys  
1 5 10 15

Cys Arg

<210> 7  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 7  
Arg Arg Trp Cys Phe Arg Val Cys Tyr Lys Gly Phe Cys Tyr Arg Lys  
1 5 10 15

Cys Arg

<210> 8  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 8

Lys Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Arg Arg Cys  
1 5 10 15

Arg

<210> 9

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 9

Arg Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Arg Lys Cys  
1 5 10 15

Arg

<210> 10

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 10

Lys Trp Cys Phe Arg Val Cys Tyr Arg Gly Ile Cys Tyr Lys Arg Cys  
1 5 10 15

Arg

<210> 11

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT  
<222> (1)..(18)  
<223> Xaa may be the amino acids as defined in the spec

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 11  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa

<210> 12  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
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<222> (1)..(18)  
<223> Xaa may be the amino acids as defined in the spec

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 12  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa

<210> 13  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
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<222> (1)..(18)  
<223> Xaa may be the amino acids as defined in the spec

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 13

Arg Xaa Xaa Arg Xaa Xaa Xaa Xaa Arg Arg Arg Xaa Xaa Xaa Xaa Xaa

1

5

10

15

Xaa Arg

<210> 14

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 14

Arg Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Xaa Arg Arg

1

5

10

15

Xaa Arg

<210> 15

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 15

Arg Gly Gly Arg Leu Ser Tyr Ser Arg Arg Arg Phe Ser Val Ser Val

1

5

10

15

Gly Arg

<210> 16

<400> 16

000

<210> 17

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 17

Arg Gly Val Ser Val Ser Phe Arg Arg Arg Ser Tyr Ser Leu Arg Gly

1

5

10

15

Gly Arg

<210> 18

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 18

Glu Gly Gly Glu Leu Ser Tyr Ser Glu Glu Glu Phe Ser Val Ser Val

1

5

10

15

Gly Glu

<210> 19

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically

synthesized

<400> 19

Arg Gly Gly Arg Leu Ala Tyr Arg Leu Leu Arg Phe Ala Ile Arg Val  
1 5 10 15

Gly Arg

<210> 20

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 20

Xaa Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Gly

<210> 21

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 21

Arg Ala Ala Arg Leu Gly Tyr Arg Xaa Xaa Arg Phe Gly Xaa Arg Val



1

5

10

15

Gly Arg

&lt;210&gt; 22

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: chemically  
synthesized

&lt;400&gt; 22

Tyr Arg Arg Arg Phe Ser Val Ser Val Arg

1

5

10

&lt;210&gt; 23

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: chemically  
synthesized

&lt;400&gt; 23

Arg Arg Leu Ser Tyr Ser Arg Arg Arg Phe

1

5

10

&lt;210&gt; 24

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: chemically  
synthesized

&lt;400&gt; 24

Arg Arg Leu Ser Tyr Ser Arg Arg Arg Phe Ser Val Ser Val Arg

1

5

10

15

<210> 25  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 25  
Arg Gly Gly Arg Leu Ser Tyr Ser Arg Arg Arg Phe Ser Thr Ser Thr  
1 5 10 15

Gly Arg

<210> 26  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 26  
Lys Trp Ser Phe Arg Val Ser Tyr Arg Gly Ile Ser Tyr Arg Arg Ser  
1 5 10 15

Arg

<210> 27  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 27  
Arg Trp Ser Phe Arg Val Ser Tyr Arg Gly Ile Ser Tyr Arg Arg Ser  
1 5 10 15

Arg

<210> 28

<400> 28

000

<210> 29

<400> 29

000

<210> 30

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 30

Arg Ser Arg Arg Tyr Ser Ile Gly Arg Tyr Ser Val Arg Phe Ser Trp

1

5

10

15

Lys

<210> 31

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(17)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 31

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa

1

5

10

15

Xaa

<210> 32  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 32  
Lys Trp Ala Phe Arg Val Ala Tyr Arg Gly Ile Arg Tyr Leu Leu Arg  
1 5 10 15

Leu

<210> 33  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> VARIANT  
<222> (1)..(17)  
<223> Xaa may be the amino acids as defined in the spec.

<220>  
<223> Description of Artificial Sequence: chemically  
synthesized

<400> 33  
Lys Tyr Ala Trp Arg Val Ala His Arg Gly Ile Arg Trp Leu Leu Arg  
1 5 10 15

Xaa

<210> 34  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 34

Arg	Gly	Gly	Arg	Leu	Xaa	Tyr	Xaa	Arg	Arg	Arg	Phe	Xaa	Val	Xaa	Val
1				5				10					15		

Gly Arg

<210> 35

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 35

Arg	Arg	Trp	Xaa	Phe	Arg	Val	Xaa	Tyr	Arg	Gly	Phe	Xaa	Tyr	Arg	Lys
1				5				10					15		

Xaa Arg

<210> 36

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)..(17)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 36

Lys	Trp	Xaa	Phe	Arg	Val	Xaa	Tyr	Arg	Gly	Ile	Xaa	Tyr	Arg	Arg	Xaa
1				5					10					15	

Arg

<210> 37

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<220>

<221> VARIANT

<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<400> 37

Arg	Gly	Gly	Arg	Leu	Xaa	Tyr	Xaa	Arg	Arg	Arg	Phe	Xaa	Val	Xaa	Val
1				5					10					15	

Gly Arg

<210> 38

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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<222> (1)..(18)

<223> Xaa may be the amino acids as defined in the spec.

<220>

<223> Description of Artificial Sequence: chemically  
synthesized

<400> 38

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Xaa Xaa